METHOD AND APPARATUS FOR PERFORMING CORONARY ARTERY BYPASS SURGERY

Abstract of the Invention

A method for revascularizing a coronary vessel with a conduit through the heart wall having a diameter transition in the myocardial leg, wherein blood flow is in the direction of transition from larger to smaller diameter. A method for revascularizing a coronary vessel using an implant with a myocardial leg having a maximum cross-sectional area proximate a first end, and inserting the first end through the myocardium into a heart chamber so that the implant directs blood flow into the coronary vessel. A transmyocardial implant with a myocardial leg including point of minimum diameter and a first end with a larger diameter, and a vessel leg in fluid communication with the myocardial leg.